



UMA, Inc. • 260 North Main St., Box 100 • Dayton, Virginia 22821

• Phone (540)879-2040

FAX: (540) 879-2738

E-mail umainc@umainstruments.com

Web Site <http://www.umainstruments.com>

Rotax 503/582 Dual CDI Tachometer

Installation Instructions:

Additional wire and fuses will be necessary for installation of unit.

1. Mount 2 1/4" or 3 1/8" instrument in airplane's instrument panel.
2. Connect white wire of tachometer to GREY tach drive wire from engine. Make sure to connect an inline fuse (use 1/4 amp inline fuse). Route wires away from hot surfaces and moving parts using wire ties as needed.
3. Connect black wire of tachometer to BROWN (ground) wire from engine harness.
4. Next, connect the Red wire from tachometer to power source of plane (use a inline 1 amp fuse or breaker). Aircraft must have a regulator rectifier and battery for proper tachometer function.

Fuse (Power):	1 Amp Fast Acting
Fuse (Tach input):	1/4 Amp Slow Blow
Current Draw:	2 1/4" pivot & jewel = 50 mA max, aircore = 110 mA max
	3 1/8" pivot & jewel = 70 mA max
Supply Voltage:	+10 to +28 Volts D.C.

Note: All 3 1/8" tachometer with internal hourmeter are set to record hours above a set RPM. Standard set point for tachometer is 1800 RPM's. Other set points available upon request.

Warranty

UMA, Inc. warrants all products to be free from defects in material and workmanship under normal use and operation. UMA does not warrant any product which has been damaged as the result of accident, abuse, negligence, improper operational voltage, lightning, fire, flood, or other acts of nature. Any indication that the unit has been opened can void warranty. Under no circumstances shall UMA be liable for any loss or damage, direct, consequential or incidental, arising from the use of or inability to use this product.

This warranty is limited to the repair or replacement, at the manufacturer's option, of any product or part thereof, which has been returned to UMA within the specified warranty period, and which after examination shall disclose to the customer serve department's satisfaction that the product is defective. Transportation to the factory or authorized service center must be prepaid; the product after repair or replacement, will be returned at the expense of the dealer or end customer. This warranty does not apply to any product or integral part thereof, which has been altered or serviced by other than the manufacturer or authorized service center.

The warranty period is twelve (12) months to the user.

This warranty supersedes all other warranties either expressed or implied and shall be governed and executed under the laws of the Commonwealth of Virginia, U.S.A.